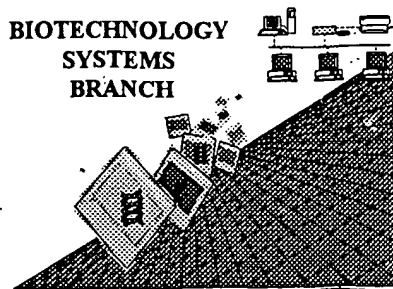


2500

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OIPE

## RAW SEQUENCE LISTING

DATE: 08/22/2002

PATENT APPLICATION: US/10/015,186A

TIME: 15:59:02

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3 <110> APPLICANT: QUIBELL, Martin  
 4 TAYLOR, Steven  
 5 GRABOWSKA, Urszula  
 6 NILSSON, Magnus  
 7 MORISSON, Veronique  
 9 <120> TITLE OF INVENTION: Cysteine Protease Inhibitors  
 11 <130> FILE REFERENCE: 1718-0195P  
 13 <140> CURRENT APPLICATION NUMBER: US 10/015,186A  
 14 <141> CURRENT FILING DATE: 2001-11-16  
 16 <150> PRIOR APPLICATION NUMBER: US 60/252,840  
 17 <151> PRIOR FILING DATE: 2000-11-17  
 19 <150> PRIOR APPLICATION NUMBER: PCT/GB00/01894  
 20 <151> PRIOR FILING DATE: 2000-05-18  
 22 <150> PRIOR APPLICATION NUMBER: GB 9911417.5  
 23 <151> PRIOR FILING DATE: 1999-05-18  
 25 <160> NUMBER OF SEQ ID NOS: 4  
 27 <170> SOFTWARE: PatentIn version 3.0  
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 30 <211> LENGTH: 39  
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 35 <223> OTHER INFORMATION: Primer for cDNA of cysteinyl proteinase (Falcipain 2)  
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 55 <212> TYPE: DNA  
 56 <213> ORGANISM: Artificial Sequence  
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 60 sequence of cysteinyl proteinase (Falcipain 2)  
 62 <220> FEATURE:  
 63 <221> NAME/KEY: CDS  
 64 <222> LOCATION: (3)..(848)

## RAW SEQUENCE LISTING

DATE: 08/22/2002

PATENT APPLICATION: US/10/015,186A

TIME: 15:59:02

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Output Set: N:\CRF3\08222002\J015186A.raw

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71 aac aaa tat ctt agt tta aga tct tca aaa cca tta aag aat tct aaa      95
72 Asn Lys Tyr Leu Ser Leu Arg Ser Ser Lys Pro Leu Lys Asn Ser Lys
73   20          25          30
75 tat tta tta gat caa atg aat tat gaa gaa gtt ata aaa aaa tat aga      143
76 Tyr Leu Leu Asp Gln Met Asn Tyr Glu Glu Val Ile Lys Lys Tyr Arg
77   35          40          45
79 gga gaa gaa aat ttc gat cat gca gct tac gac tgg aga tta cac agt      191
80 Gly Glu Glu Asn Phe Asp His Ala Ala Tyr Asp Trp Arg Leu His Ser
81   50          55          60
83 ggt gta aca cct gta aag gat caa aaa aat tgt gga tct tgc tgg gcc      239
84 Gly Val Thr Pro Val Lys Asp Gln Lys Asn Cys Gly Ser Cys Trp Ala
85   65          70          75
87 ttt agt agt ata ggt tcc gta gaa tca caa tat gct atc aga aaa aat      287
88 Phe Ser Ser Ile Gly Ser Val Glu Ser Gln Tyr Ala Ile Arg Lys Asn
89 80          85          90          95
91 aaa tta ata acc tta agt gaa caa gaa tta gta gat tgt tca ttt aaa      335
92 Lys Leu Ile Thr Leu Ser Glu Gln Glu Leu Val Asp Cys Ser Phe Lys
93   100          105          110
95 aat tat ggt tgt aat gga ggt ctc att aat aat gcc ttt gag gat atg      383
96 Asn Tyr Gly Cys Asn Gly Gly Leu Ile Asn Asn Ala Phe Glu Asp Met
97   115          120          125
99 att gaa ctt gga ggt ata tgt cca gat ggt gat tat cca tat gtg agt      431
100 Ile Glu Leu Gly Gly Ile Cys Pro Asp Gly Asp Tyr Pro Tyr Val Ser
101   130          135          140
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104 Asp Ala Pro Asn Leu Cys Asn Ile Asp Arg Cys Thr Glu Lys Tyr Gly
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109 160          165          170          175
111 aga ttc ttg gga cct att agt att agt gta gcc gta tca gat gat ttt      575
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115 gct ttt tac aaa gaa ggt att ttc gat gga gaa tgt ggt gat gaa tta      623
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117   195          200          205
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121   210          215          220
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125   225          230          235
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128 Ser Trp Gly Gln Gln Trp Gly Glu Arg Gly Phe Ile Asn Ile Glu Thr
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## RAW SEQUENCE LISTING

DATE: 08/22/2002

PATENT APPLICATION: US/10/015,186A

TIME: 15:59:02

Input Set : A:\1718-0195P.ST25.txt

Output Set: N:\CRF3\08222002\J015186A.raw

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135 att cca tta att gaa cat cat cat cat cat taagtcgacg cgatcgaatt      868
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148 <223> OTHER INFORMATION: PCR product from amplification using primers for the cDNA
149     sequence of cysteinyl proteinase (Falcipain 2)
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153 Met Glu Leu Asn Arg Phe Ala Asp Leu Thr Tyr His Glu Phe Lys Asn
154 1          5          10          15
157 Lys Tyr Leu Ser Leu Arg Ser Ser Lys Pro Leu Lys Asn Ser Lys Tyr
158          20          25          30
161 Leu Leu Asp Gln Met Asn Tyr Glu Val Ile Lys Lys Tyr Arg Gly
162          35          40          45
165 Glu Glu Asn Phe Asp His Ala Ala Tyr Asp Trp Arg Leu His Ser Gly
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173 Ser Ser Ile Gly Ser Val Glu Ser Gln Tyr Ala Ile Arg Lys Asn Lys
174          85          90          95
177 Leu Ile Thr Leu Ser Glu Gln Glu Leu Val Asp Cys Ser Phe Lys Asn
178          100         105         110
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182          115         120         125
185 Glu Leu Gly Gly Ile Cys Pro Asp Gly Asp Tyr Pro Tyr Val Ser Asp
186          130         135         140
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190 145         150         155         160
193 Lys Asn Tyr Leu Ser Val Pro Asp Asn Lys Leu Lys Glu Ala Leu Arg
194          165         170         175
197 Phe Leu Gly Pro Ile Ser Ile Ser Val Ala Val Ser Asp Asp Phe Ala
198          180         185         190
201 Phe Tyr Lys Glu Gly Ile Phe Asp Gly Glu Cys Gly Asp Glu Leu Asn
202          195         200         205
205 His Ala Val Met Leu Val Gly Phe Gly Met Lys Glu Ile Val Asn Pro
206          210         215         220
209 Leu Thr Lys Lys Gly Glu Lys His Tyr Tyr Tyr Ile Ile Lys Asn Ser
210 225         230         235         240
213 Trp Gly Gln Gln Trp Gly Glu Arg Gly Phe Ile Asn Ile Glu Thr Asp
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## RAW SEQUENCE LISTING

DATE: 08/22/2002

PATENT APPLICATION: US/10/015,186A

TIME: 15:59:02

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Output Set: N:\CRF3\08222002\J015186A.raw

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VERIFICATION SUMMARY

DATE: 08/22/2002

PATENT APPLICATION: US/10/015,186A

TIME: 15:59:03

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Output Set: N:\CRF3\08222002\J015186A.raw